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FIG. 2A

TNVS	ATGGGGTTTTGGGCTGAGCTGGGTTTTTCCTCGTTGCTCTTTTAAGA
germline TNVs TNV148(B)	Q V Q L V E S G G V CAGGTGCAGCTGGTGGAGTCTGGGGGAGGCGTG GGTGTCCAGTGT
germline TNVs	V Q P G R S L R L S C A A S G GTCCAGCCTGGGAGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGA
germline TNV14,15 TNV148(B) TNV196	F T F S S Y A M H W V R Q A P TTCACCTTCAGTAGCTATGCTATGCACTGGGTCCGCCAGGCTCCAT
germline TNV14 TNV15 TNV148(B) TNV196	G K G L E W V A V I S Y D G S GGCAAGGGGCTGGAGTGGCAGTTATATCATATGATGGAAGC
germline TNV14 TNV15 TNV148(B) TNV196	N K Y Y A D S V K G R F T I S AATAAATACTACGCAGACTCCGTGAAGGGCCGATTCACCATCTCC GC .A.G

FIG. 2B

germline TNV14 TNV15 TNV148 TNV148B TNV196	AGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTG
germline TNV14,15 TNV148(B) TNV196	R A E D T A V Y Y C A R AGAGCTGAGGACACGGCTGTGTATTACTGTGCGAGA
TNV15 G.C	TACTACTACTACGGTATGGACGTCTGG GTGGAAA.T.T
TNV148(B) TNV196	G Q G T T V T V S S GGGCAAGGGACCACGGTCACCGTCTCAG
TNV14 TNV15 TNV148 (B) TNV196	C

FIG. 3

TNVs	<u>ATGGAAGCCCCAGCTC</u> AGCTTCTCTTCCTCCTGCTACTCTGGCTC
germline TNVs	E I V L T Q S P A T GAAATTGTGTTGACACAGTCTCCAGCCACC CCAGATACCACCGGA
germline TNVs	L S L S P G E R A T L S C R A CTGTCTTTGTCTCCAGGGGCC
germline TNV14,15 TNV148,19	SQSVSSYLAWYQQKPAGTCAGAGAGAAACCTAGTCAGAGAGAAACCTAGTAGCAGAGAGAAACCT
germline TNVs	G Q A P R L L I Y D A S N R A GGCCAGGCTCCCAGGCTCCTCATCTATGATGCATCCAACAGGGCC
germline TNVs	T G I P A R F S G S G S G T D ACTGGCATCCCAGCCAGGTTCAGTGGCAGTGGGTCTGGGACAGAC
germline TNVs	F T L T I S S L E P E D F A V TTCACTCTCACCATCAGCAGCCTAGAGCCTGAAGATTTTGCAGTT
Germline TNVs	Y Y C <u>Q Q R S N W P P F T</u> F G TATTACTGTCAGCAGCGTAGCAACTGGCCTCCATTCACTTTCGGC
gerline TNVs	P G T K V D I K R CCTGGGACCAAAGTGGATATCAAACGT

TITLE: Anti-TNF Antibodies, Compostions ... INVENTOR(S): G. Heavner et.al. APP#: 09/920,137
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DOCKET #: CEN-0250 CUST. #: 000027777

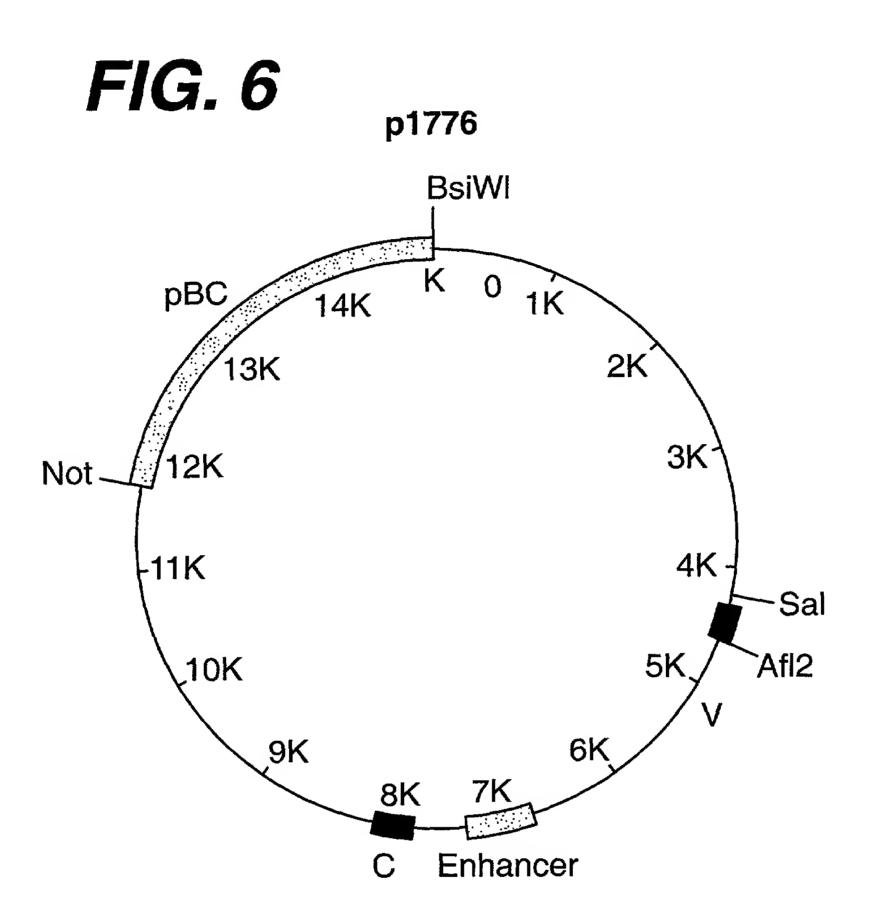
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FIG. 4

ger	mline <u>MGFGLSW</u> VFLVALLRGVQC	signal
germline TNVs TNV148(B)	QVQLVESGGGVVQPGRSLRLSCAASGFTFS	FR1
germline TNVs	SYAMH	CDR1
germline TNVs TNV148(B)	WVRQAPGKGLEWVA FR2	
germline TNV14 TNV15 TNV148(B) TNV196	VISYDGSNKYYADSVKG I.LS.KD F.LK FMKS	CDR2
germline TNV14 TNV15 TNV148 TNV148B TNV196	RFTISRDNSKNTLYLQMNSLRAEDTAVYYCARA	
germline TNV14 TNV15 TNV148(B) TNV196		CDR3
germline TNVs	WGQGTTVTVSS	J 6

FIG. 5

TNVs	MEAPAQLLFLLLWLPDTTG	signal
germline TNVs	EIVLTQSPATLSLSPGERATLSC	FR1
TNV14 TNV15 TNV148(B)	RASQSVSSYLAY	CDR1
germline TNVs	WYQQKPGQAPRLLIY	FR2
germline TNVs	DASNRAT	DR2
germline TNVs	GIPARFSGSGSGTDFTLTISSLEPEDFAVYYC	FR3
germline TNVs	QQRSNWPPFT	CDR3
germline TNVs	FGPGTKVDIK	J3



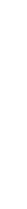


FIG. 7A

2.320-17-36 = C466A (653)

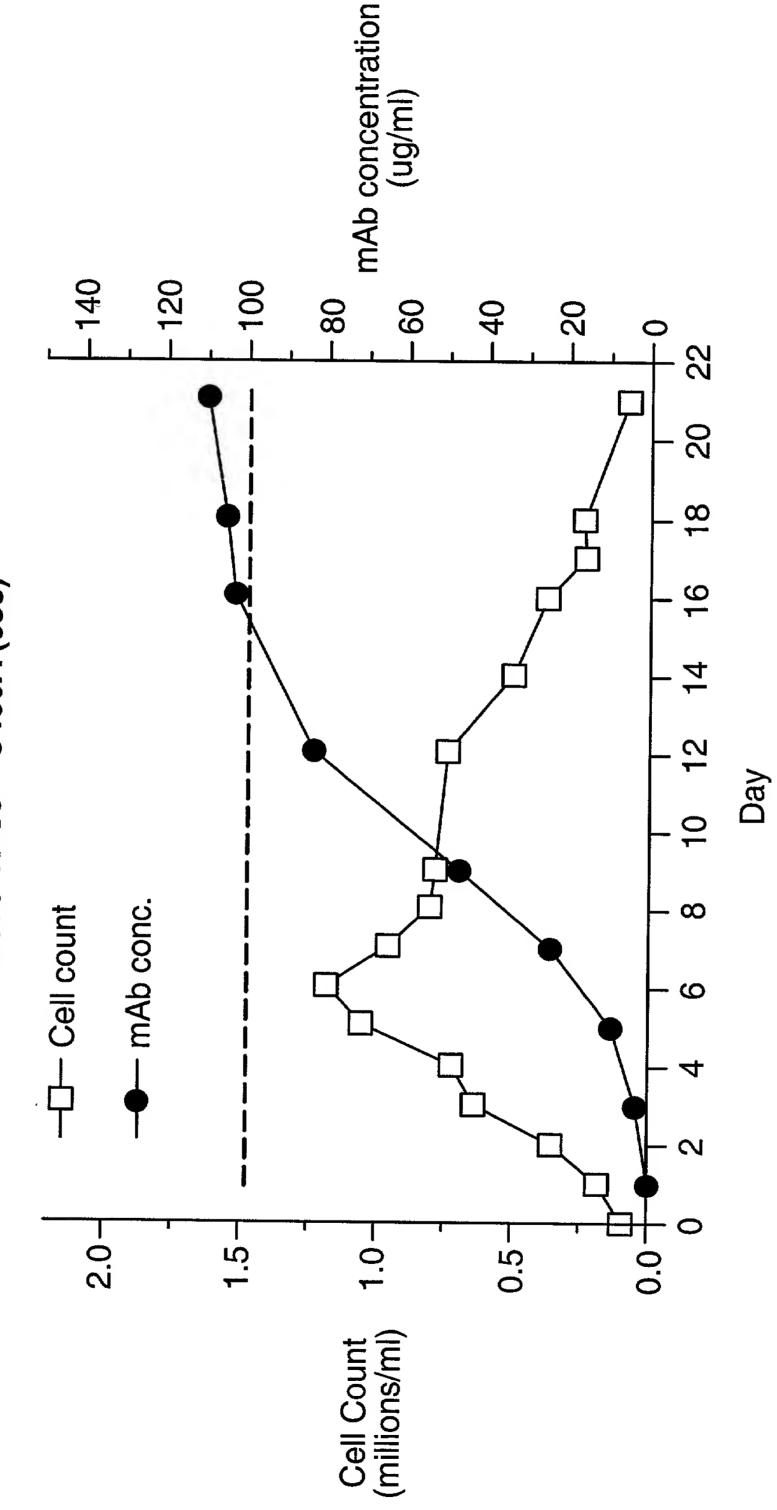
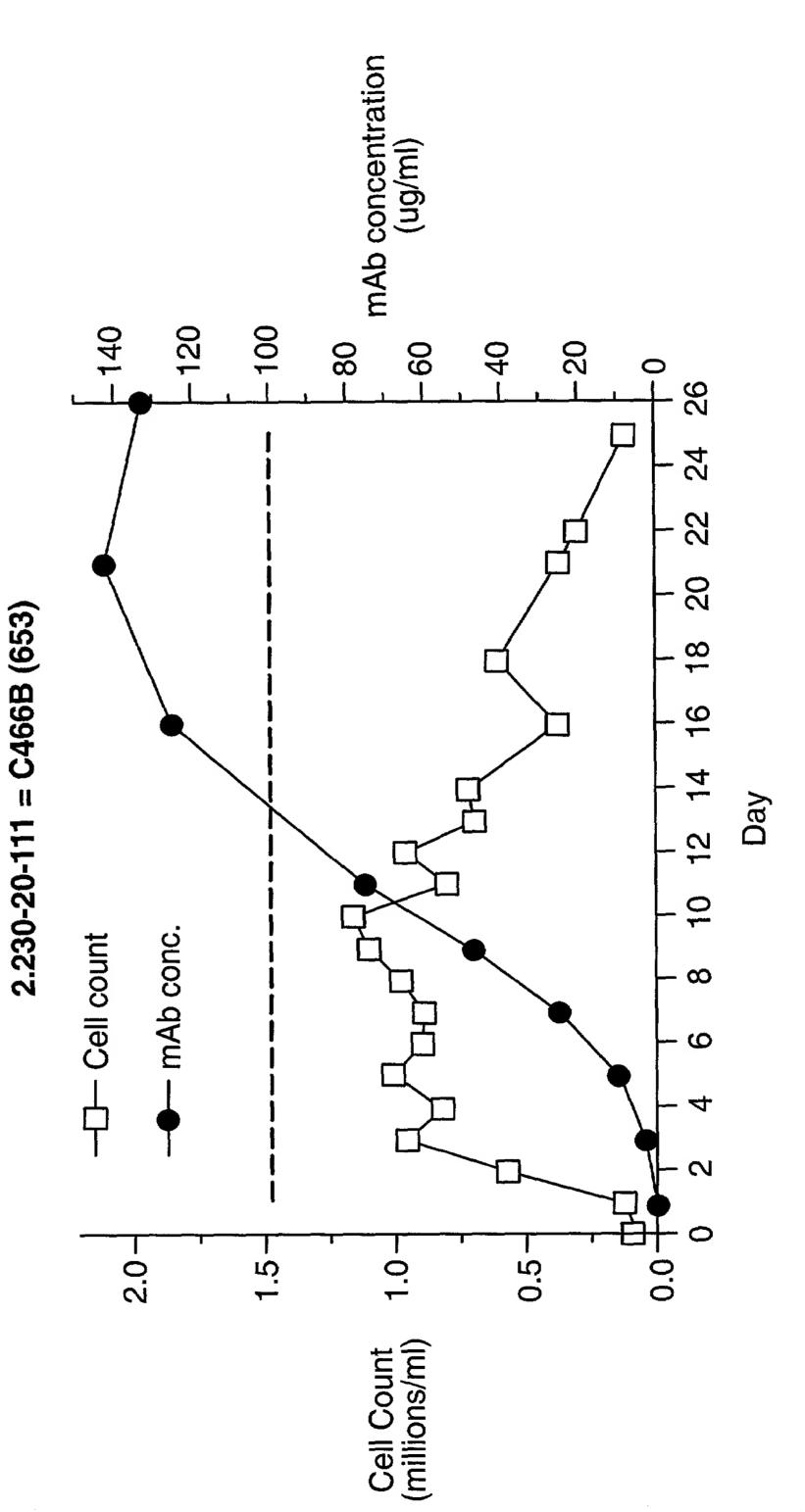


FIG. 7B

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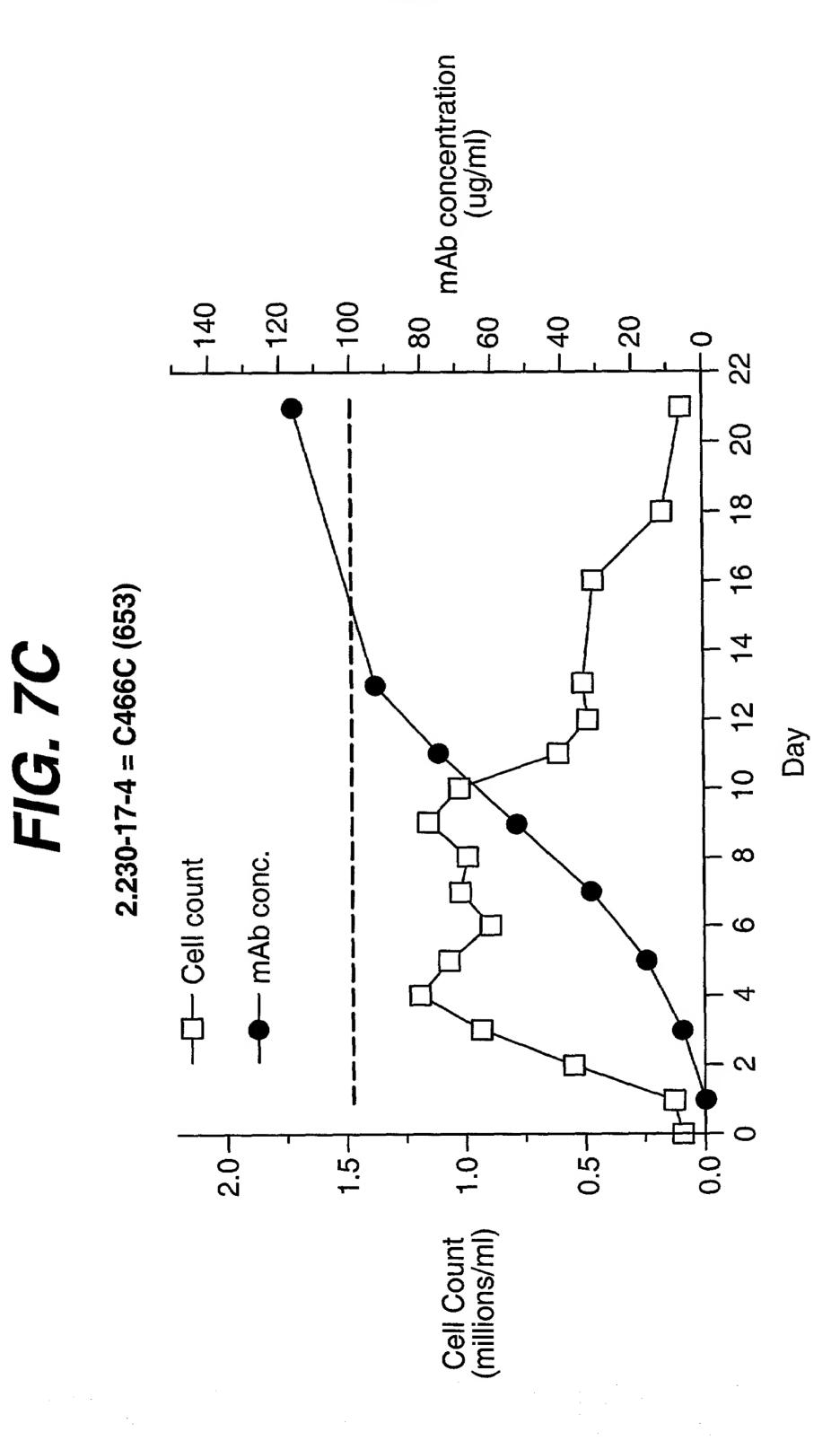


FIG. 7D

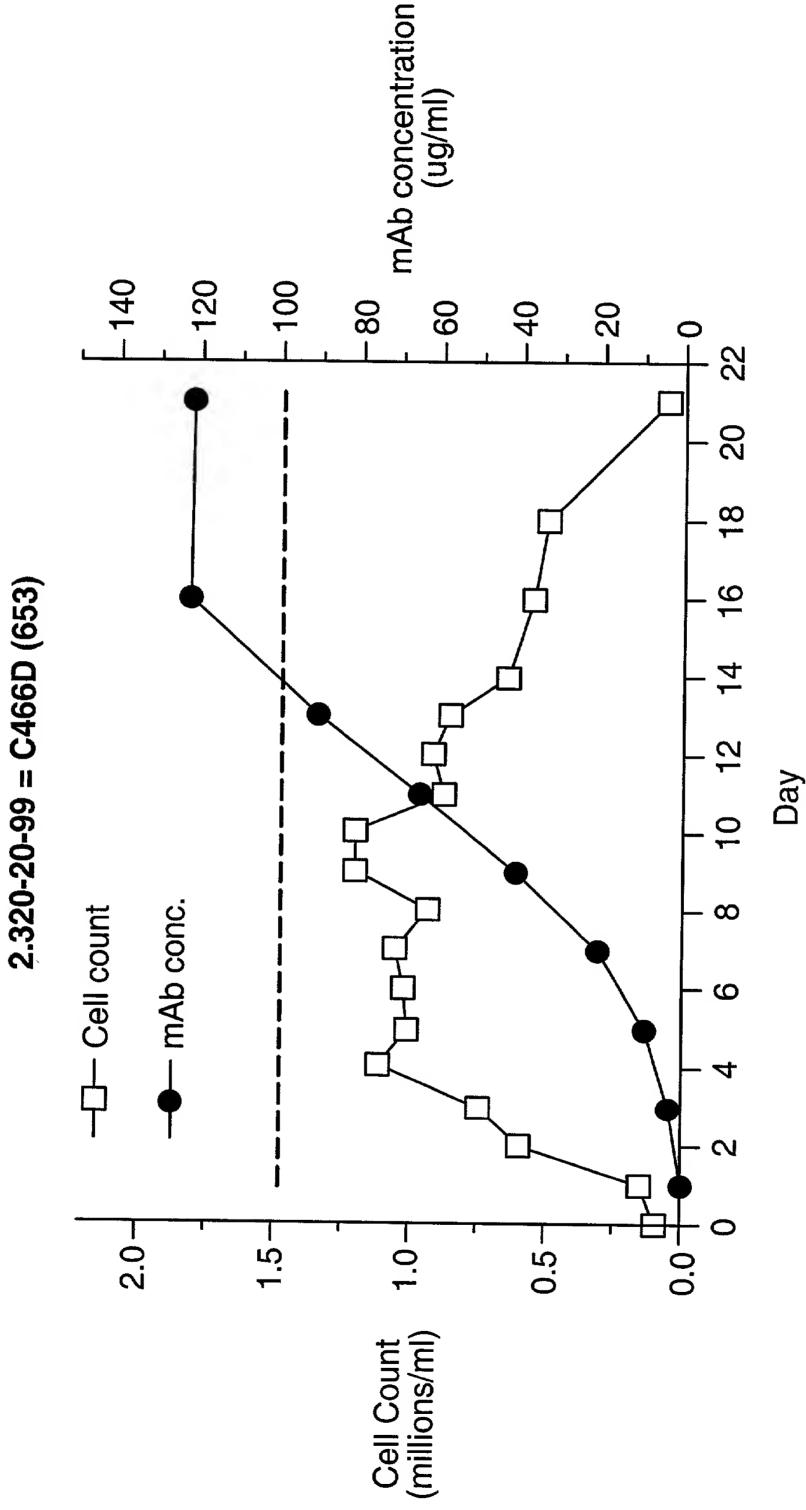
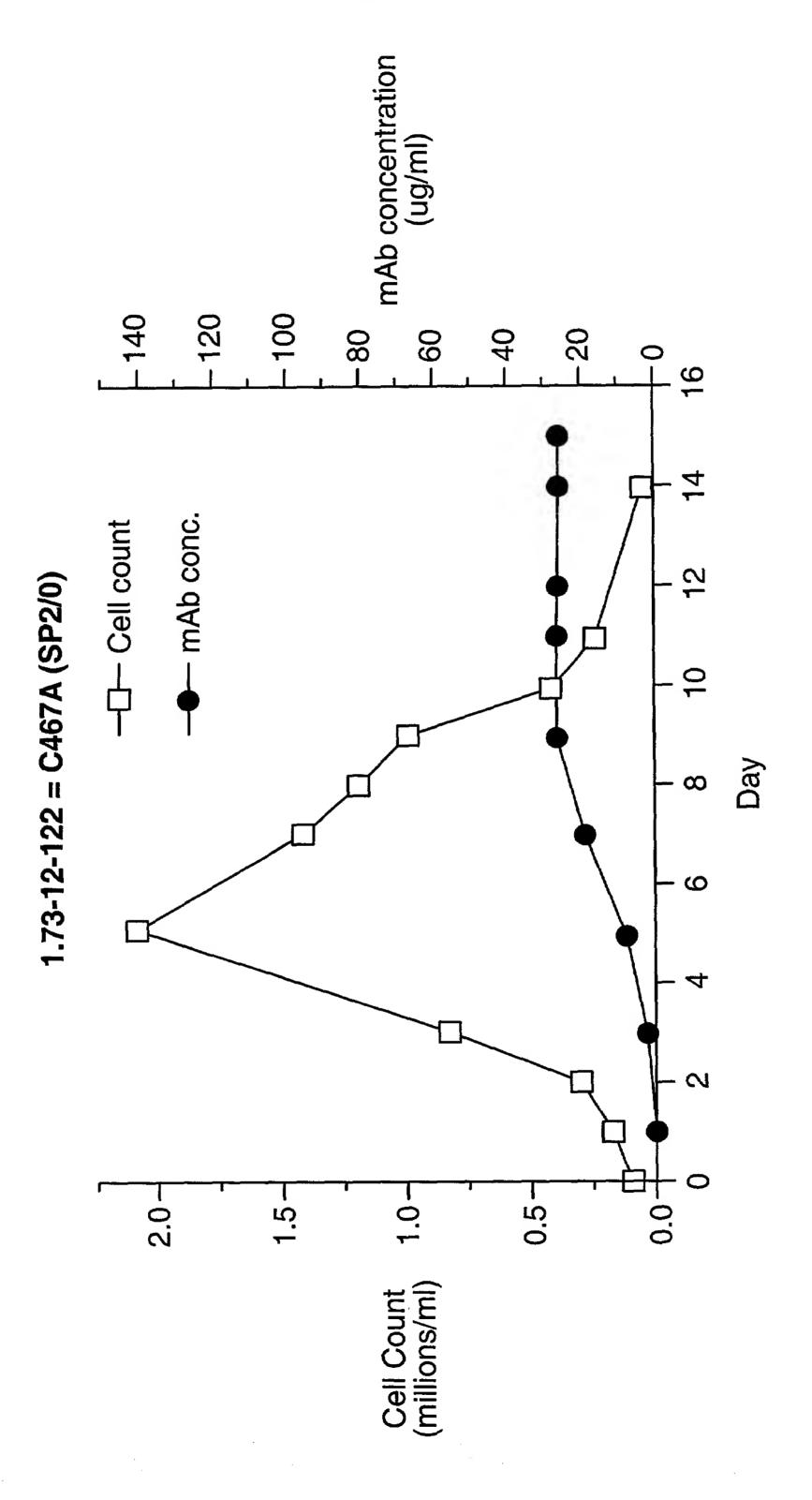


FIG. 7E

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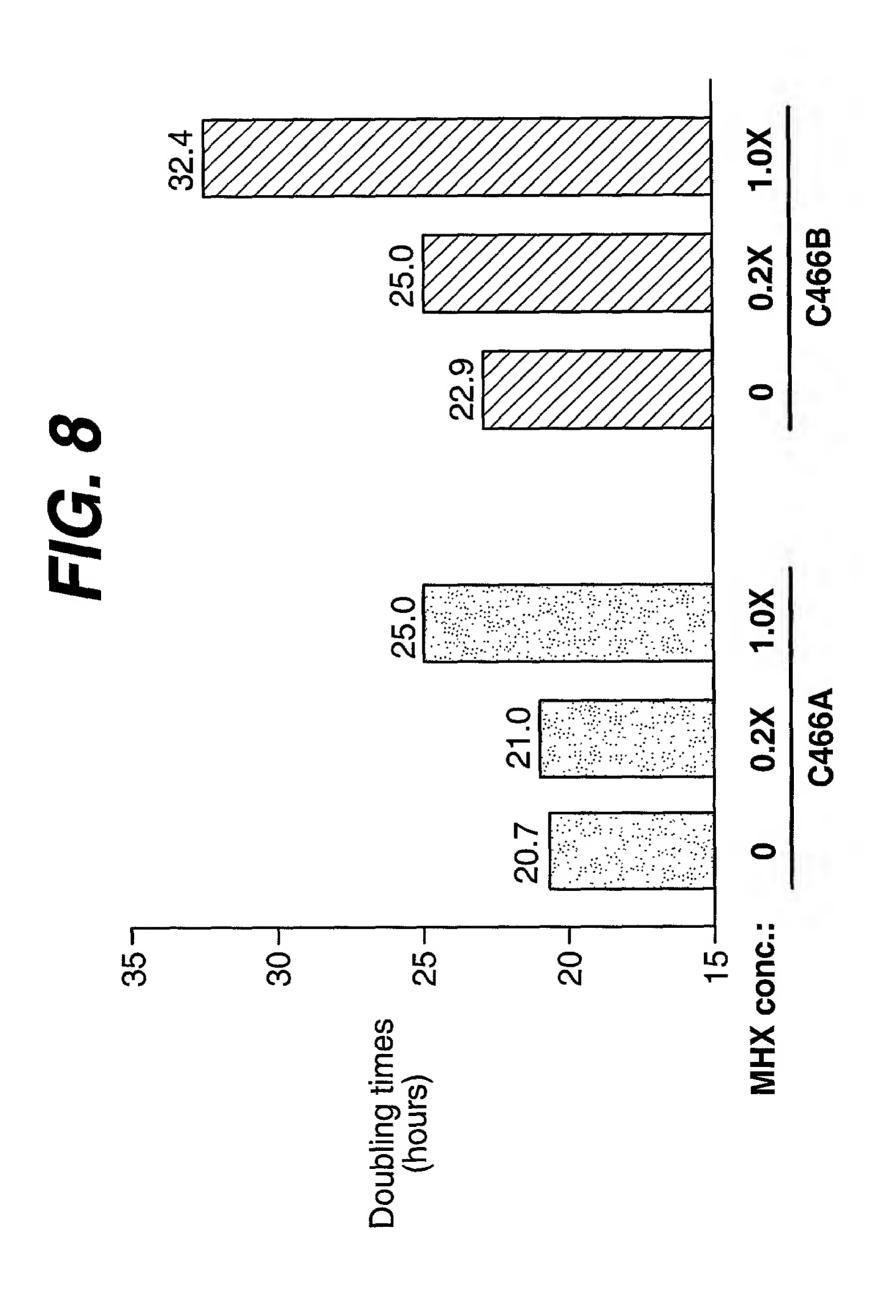


FIG. 9A

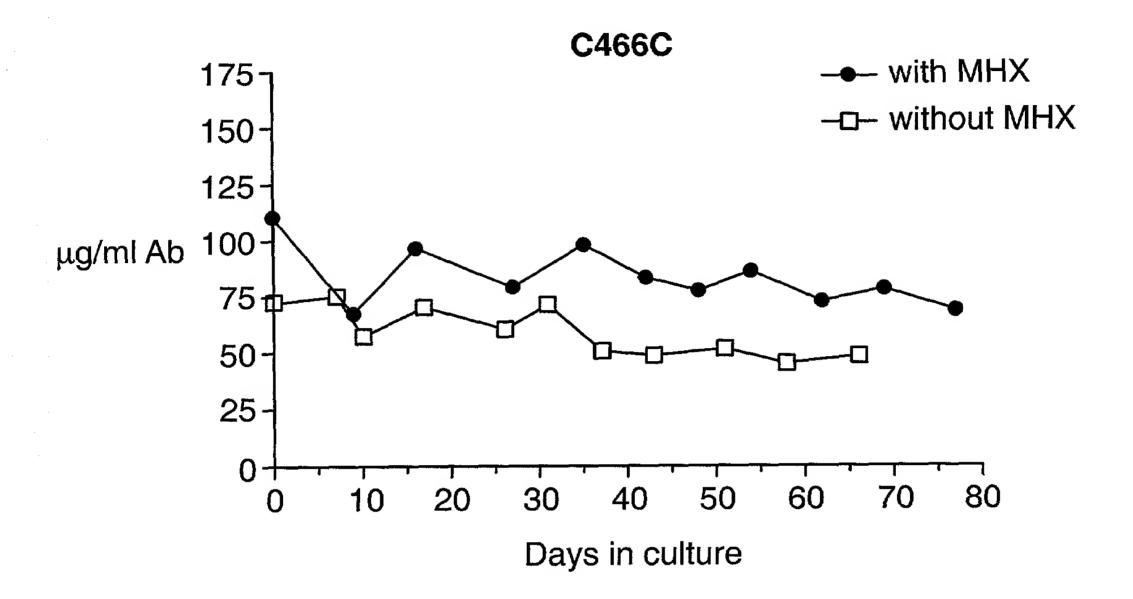
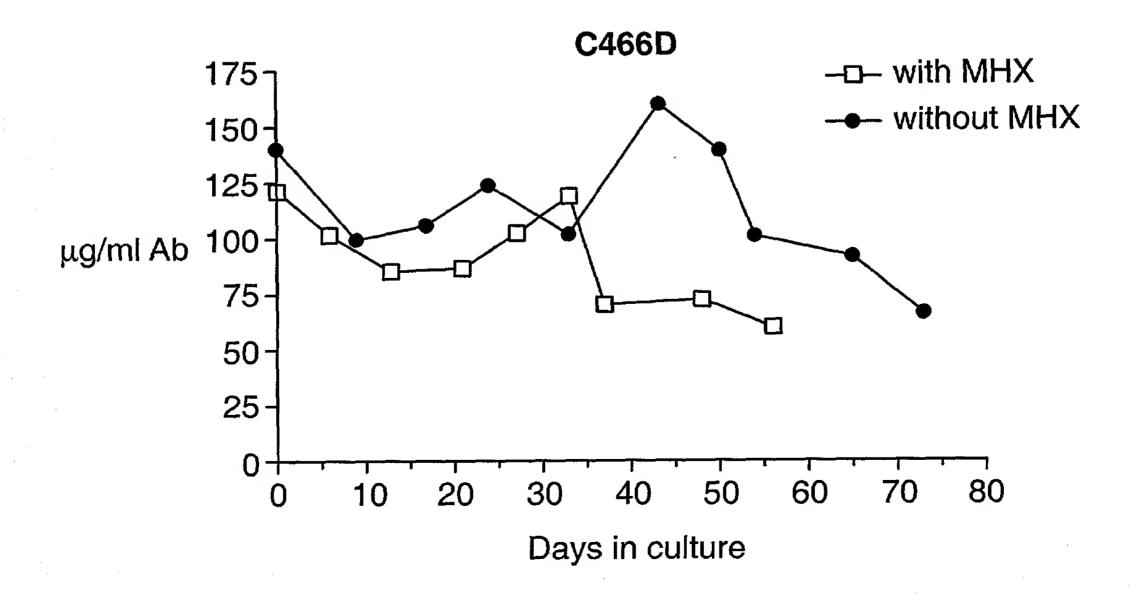
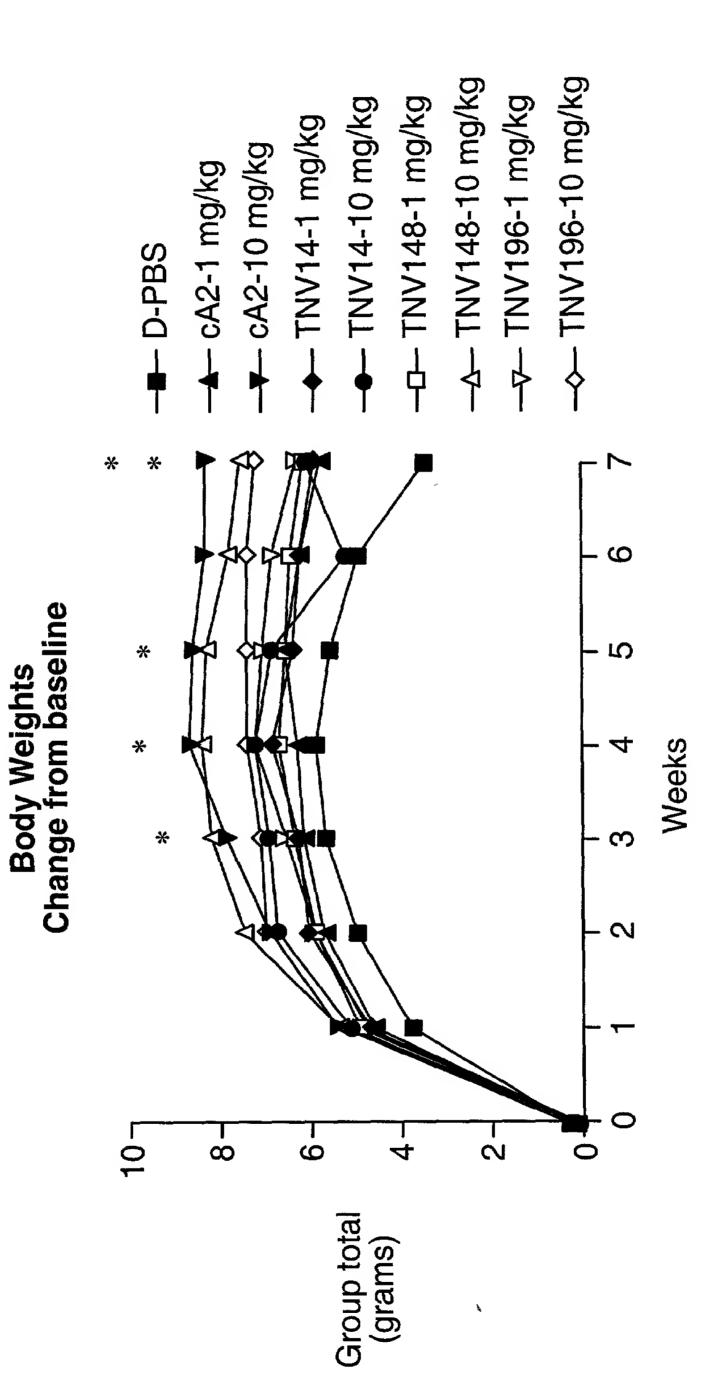


FIG. 9B

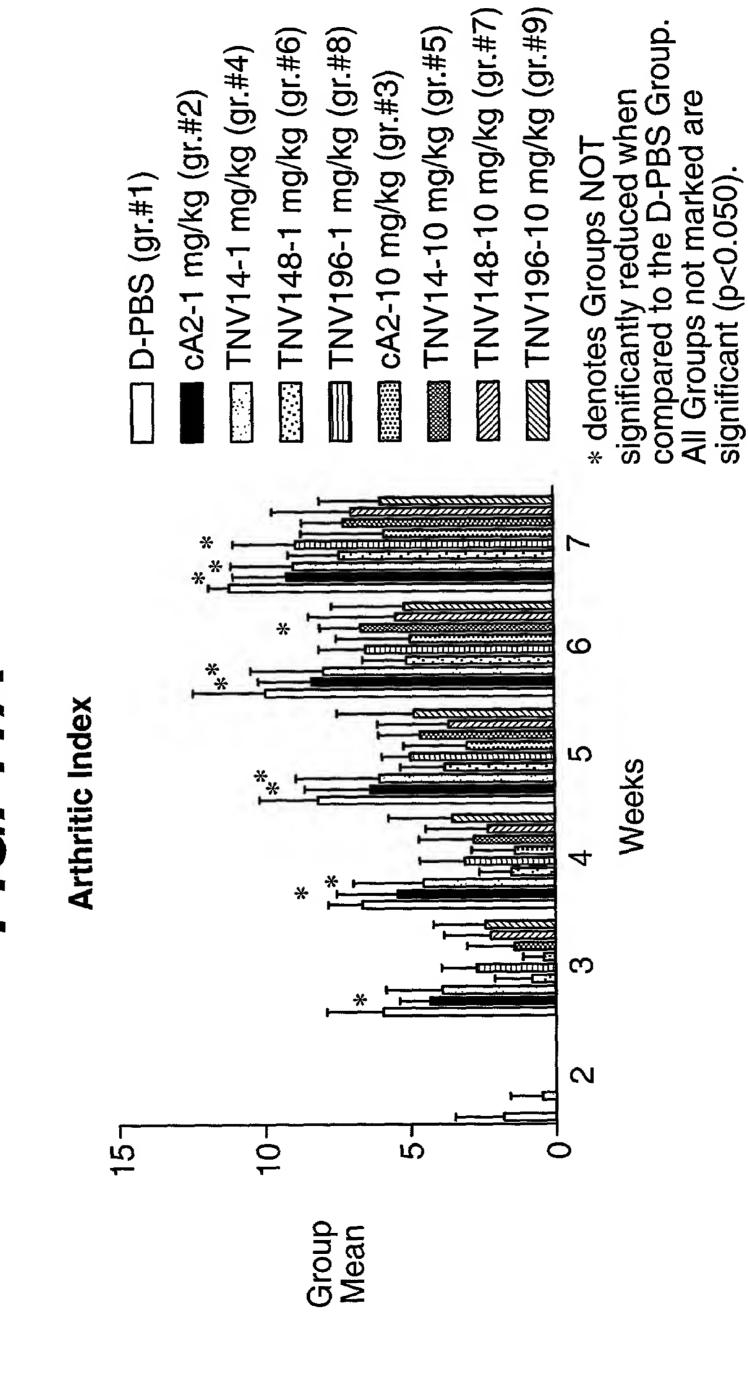


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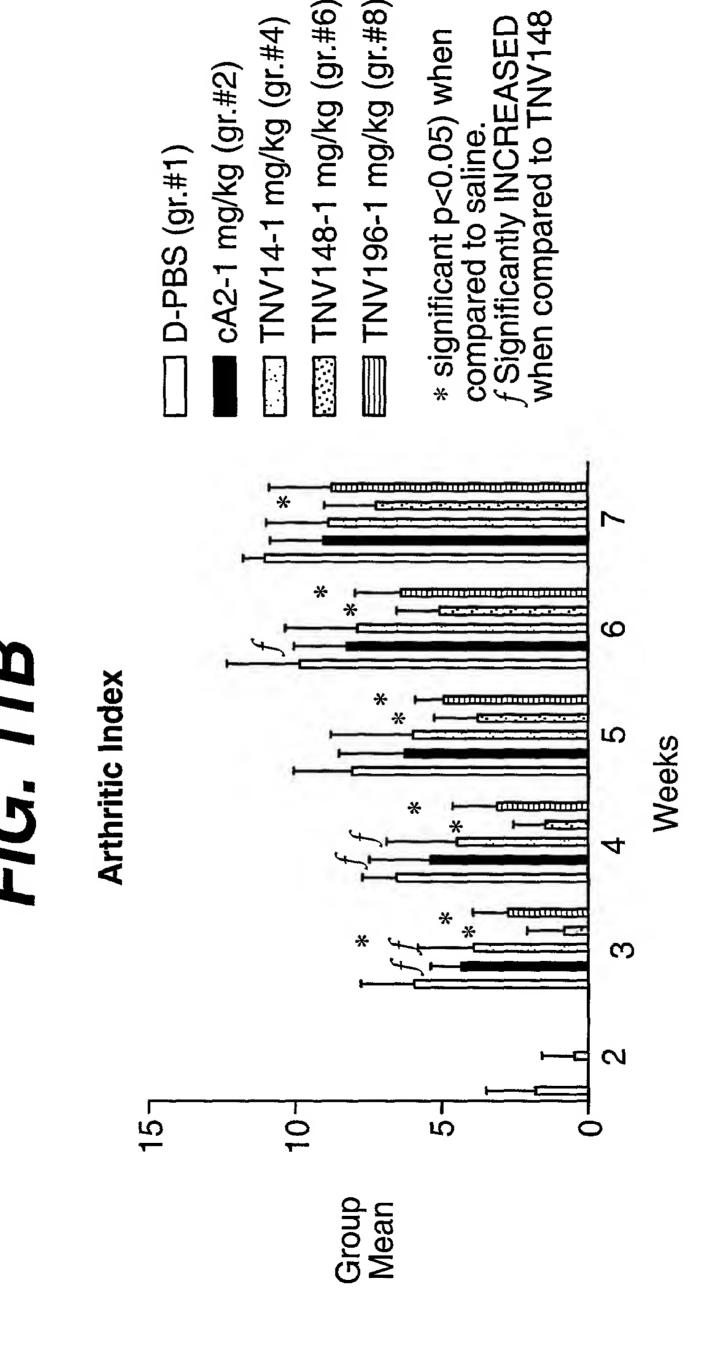




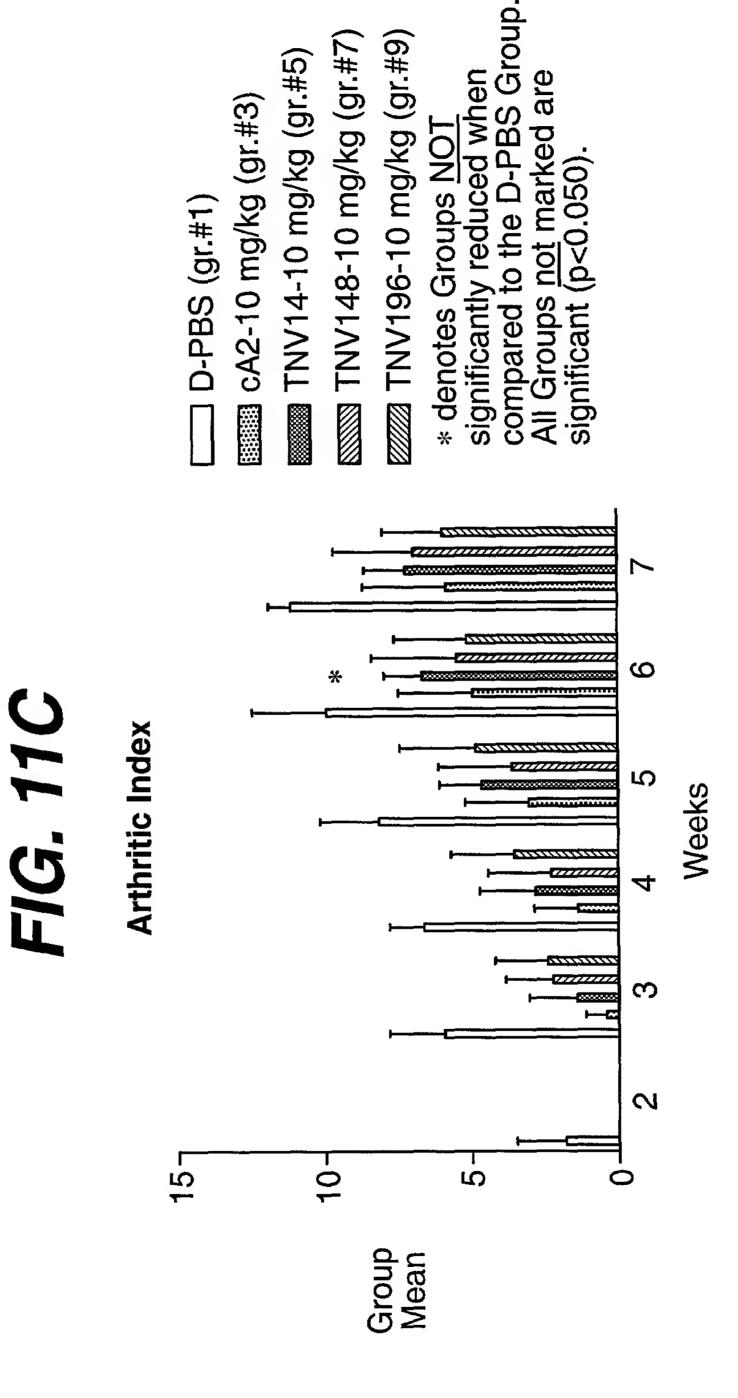
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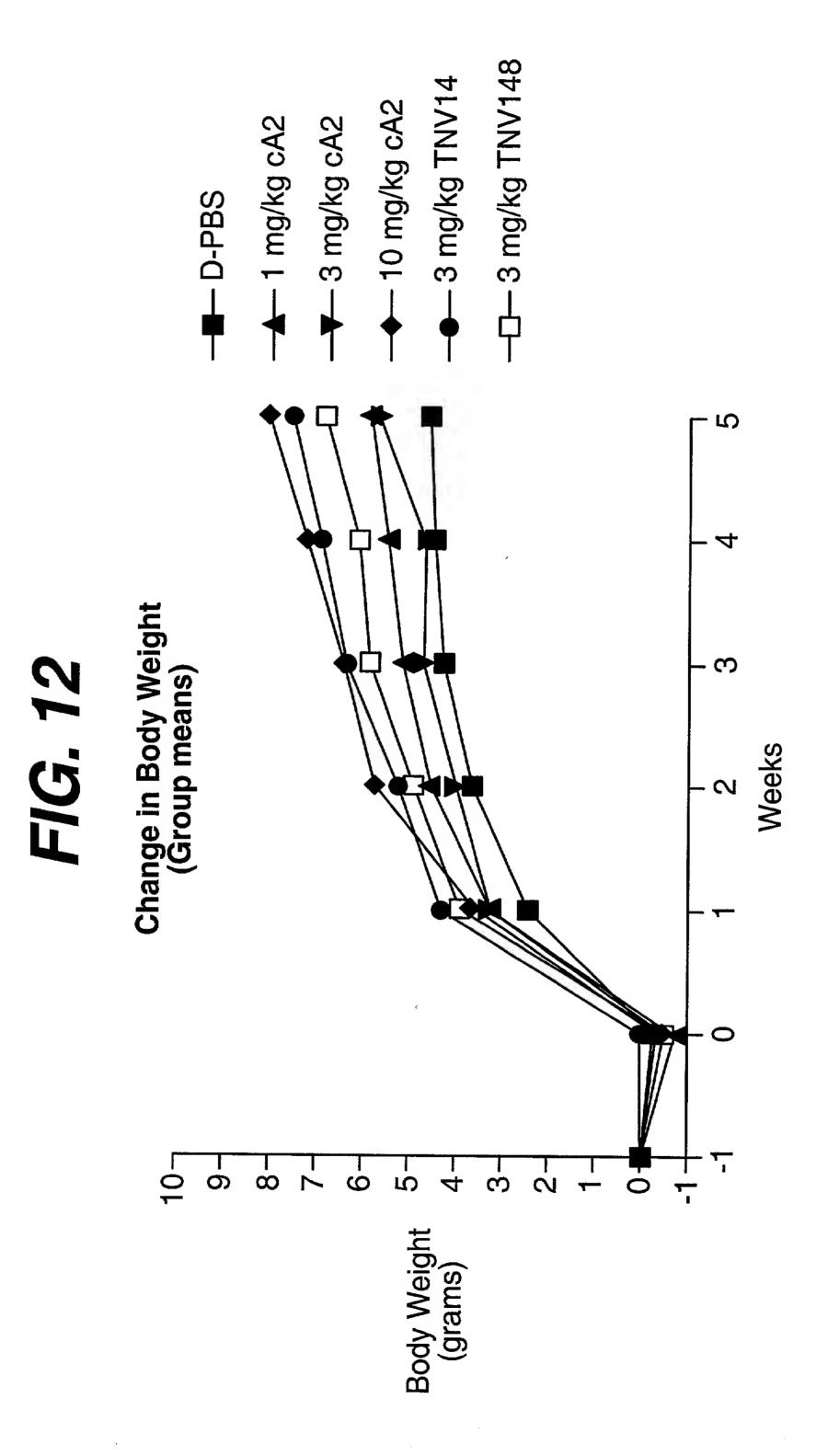
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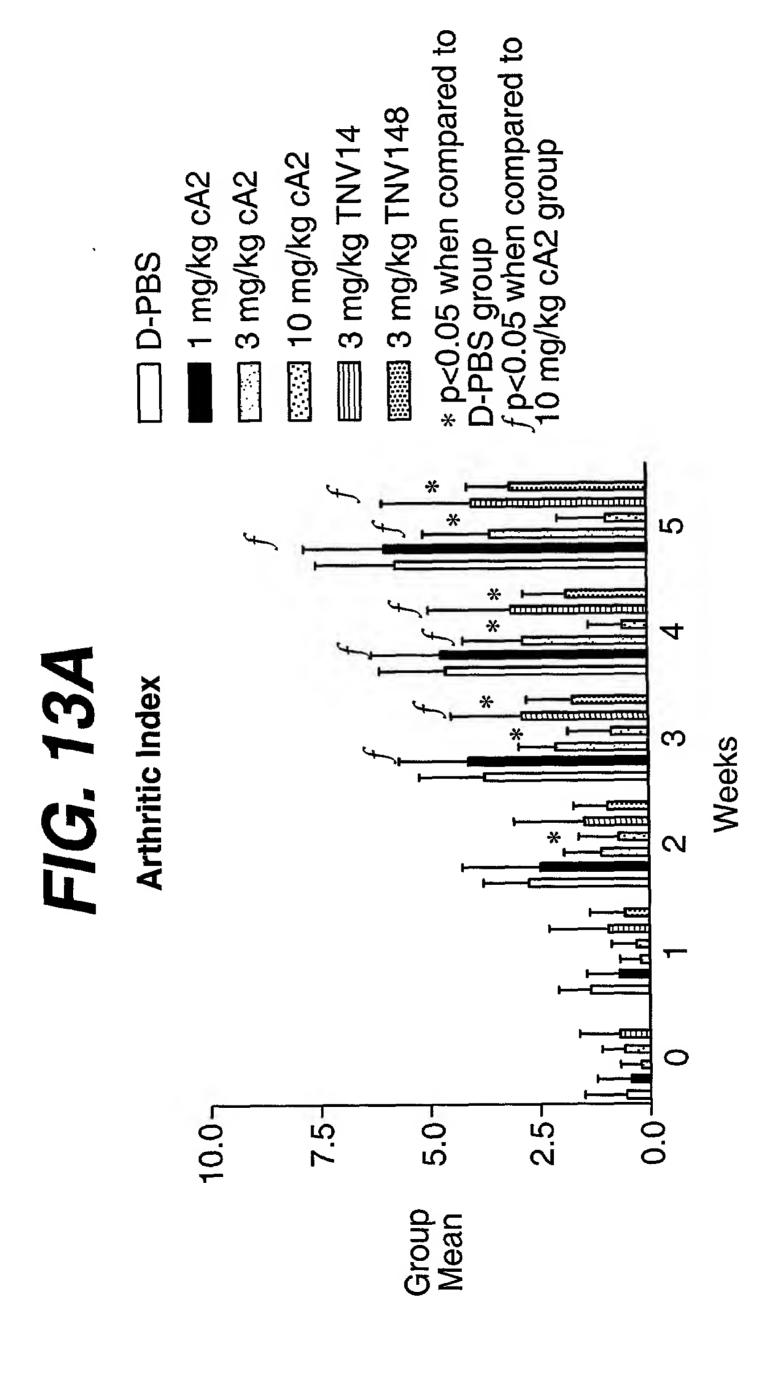
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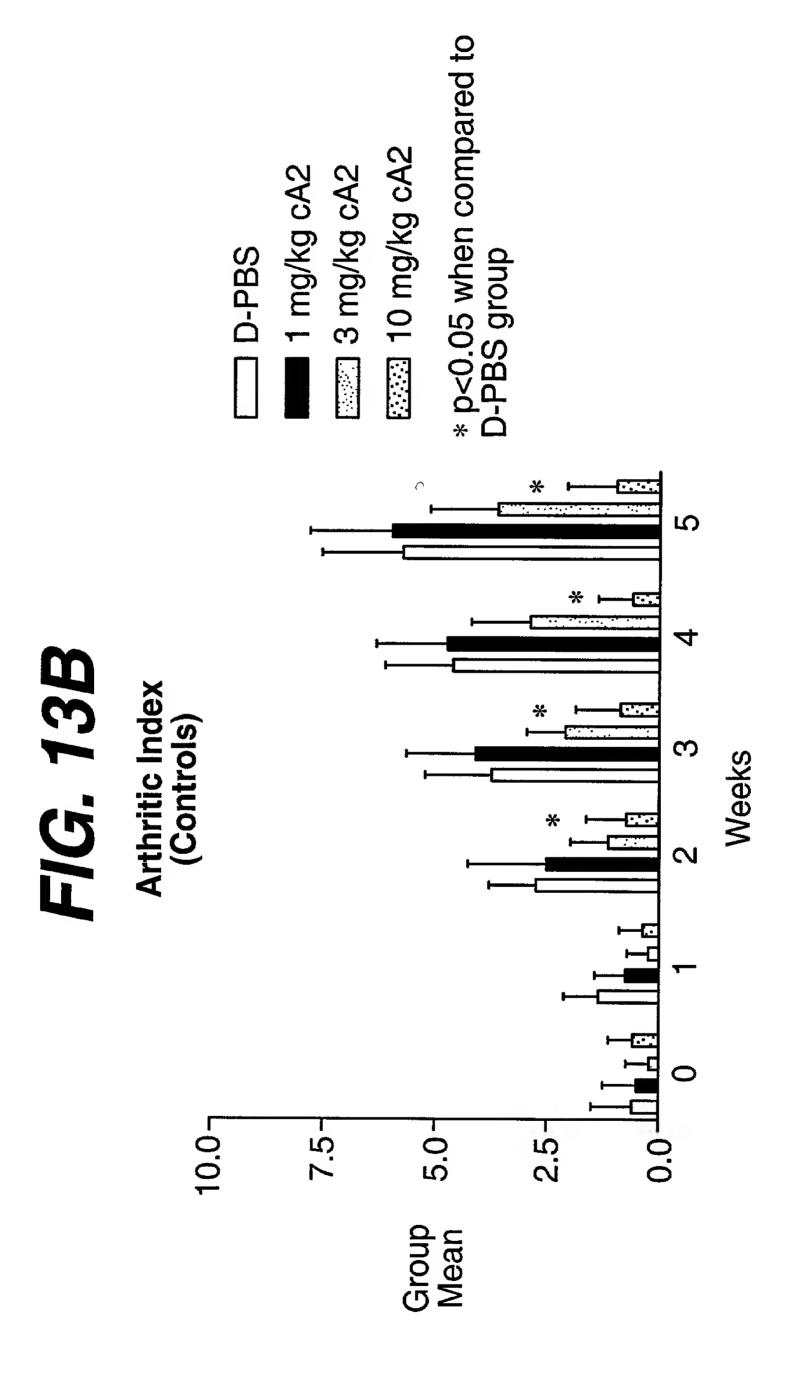


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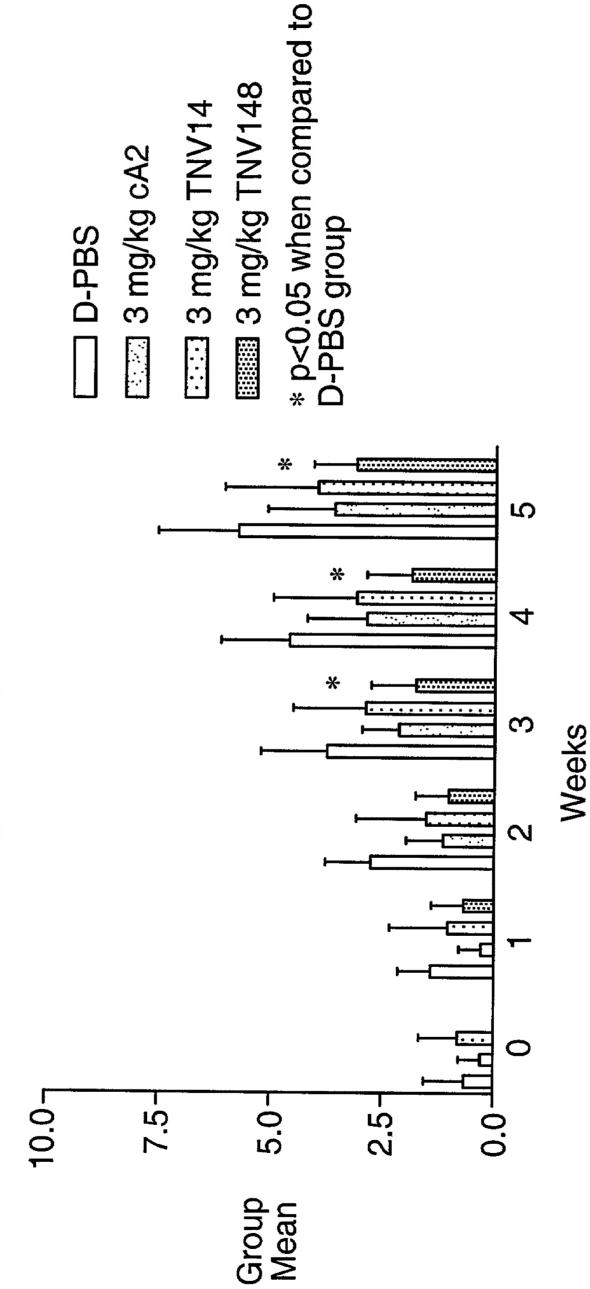
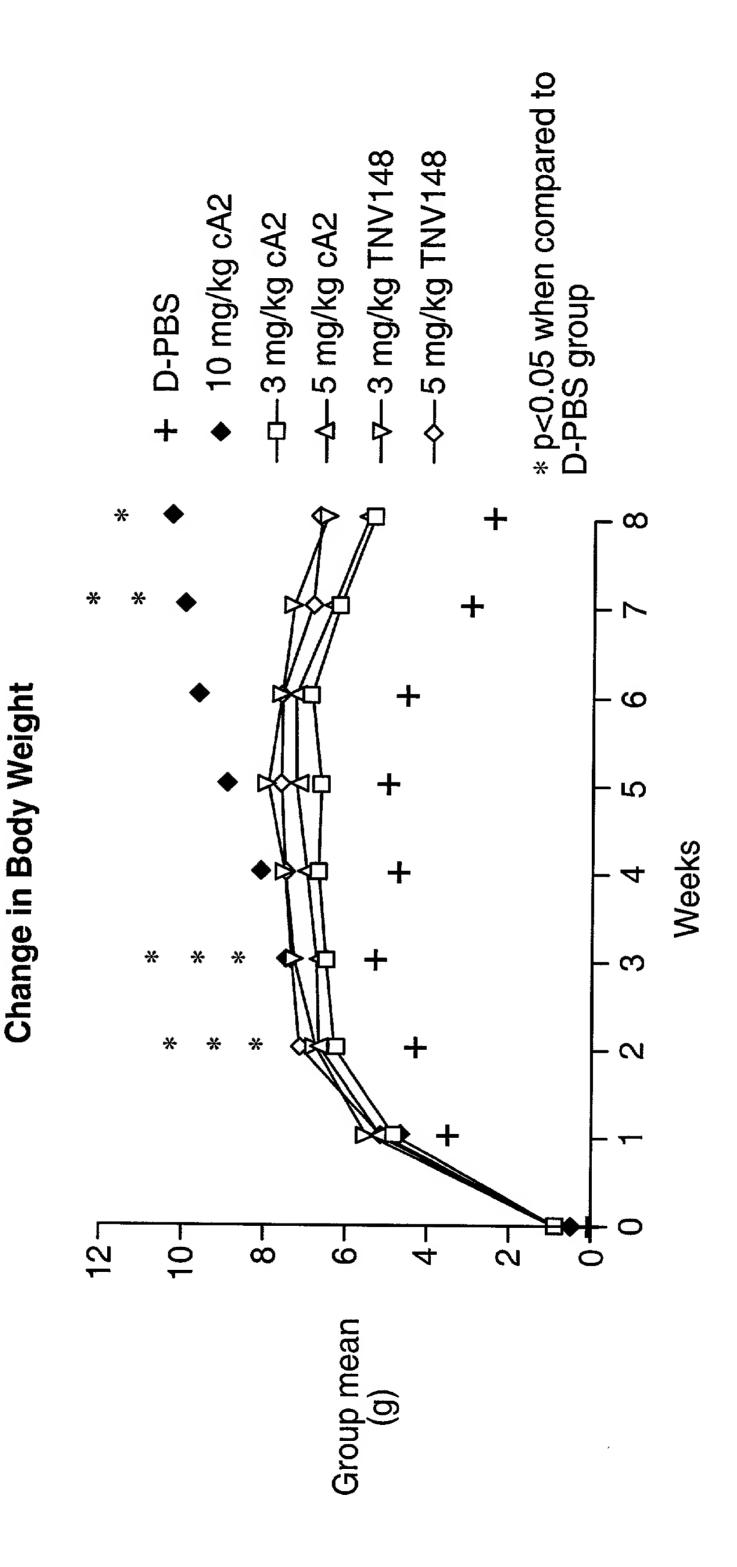
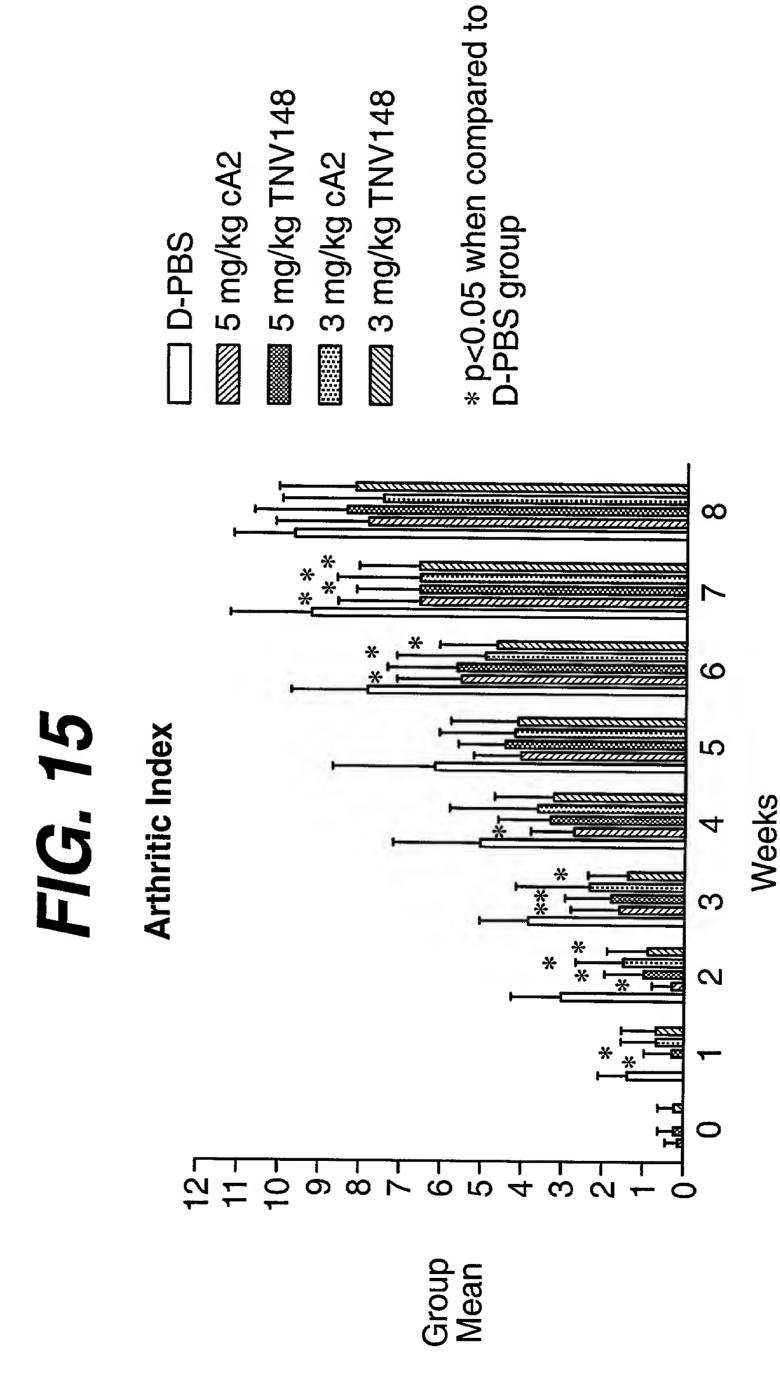


FIG. 14

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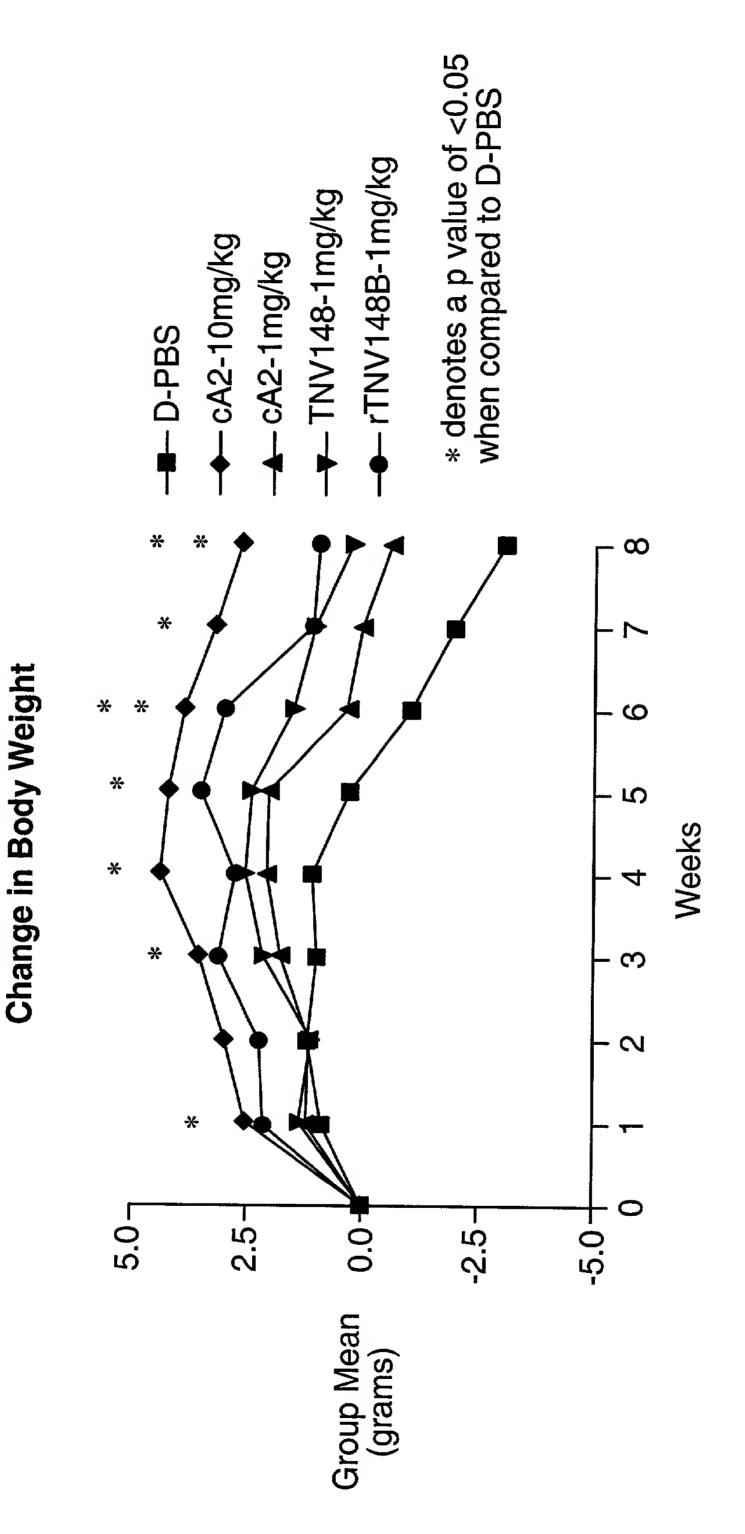


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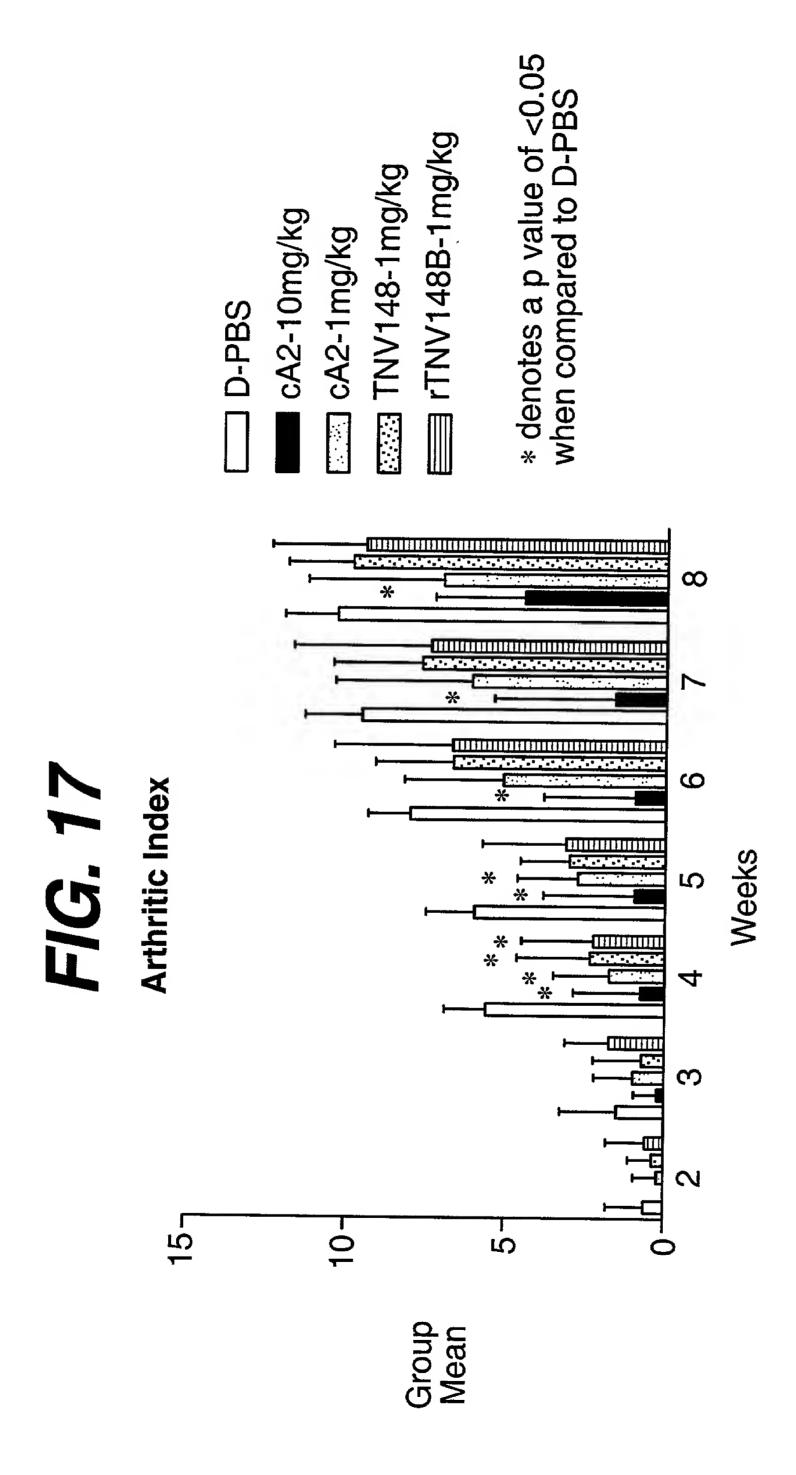
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